



paruralwater
Association

**Annual Conference
Providing the
Tools & Training
for Your Success**

Your source for professional technical support, accredited operator system training, and reliable and timely information for rural and small water and wastewater systems throughout the Commonwealth.

**Penn Stater Conference Center
March 27 - 30, 2001**

Registration Information Inside



System Member Registration Form

**Penn Stater Conference Center
State College, PA
Conference Dates Are
March 27-30, 2001**

Please use one form for each person attending other than spouse.

Please PRINT or TYPE

Full Name: _____ Nickname for Badge: _____
Company: _____
Address: _____ City: _____ State: _____ Zip: _____
Phone: () _____ Fax: () _____ E-mail: _____
Spouse: _____ Spouse's Nickname (Badge): _____

Return completed form with check payable to PRWA:
138 West Bishop Street, Bellefonte, PA 16823 (800) 653-PRWA (in PA) or (814) 353-9302

*REGISTRATION FEES: Banquet tickets not included in registration fee. Purchase them separately at bottom of chart.

Full Conference	Early Registration (Until 2/20/01)	Late Registration (After 2/20/01)	Amount Due
Member System	\$115	\$140	
Non-Member System	\$175	\$190	
Single Day Conference <small>Circle Day you would like to attend Wednesday Thursday Friday</small>	Early Registration (Until 2/20/01)	Late Registration (After 2/20/01)	Amount Due
Member System	\$75	\$100	
Non-Member System	\$110	\$135	
Spouse Registration (Includes meals & Exhibit Hall access)	\$100	\$125	
Banquet Tickets (Must be purchased separately)	\$35 each Quantity _____	\$40 each Quantity _____	
			Total:

*Please Note that all meals are included in the registration fee, except the Banquet.

Registration Notes:

- Mandatory use of registration name badges will be enforced for admittance to all conference events, meals, sessions, & Exhibit Hall.
- PRWA cannot bill you. *All fees must be paid in advance and must accompany the registration form.*
- Registrations without payment will not be processed until payment is received.
- Registrations must be postmarked by 2/20/01 to receive the Early Registration Rate.
- Cancellations: A request for a refund must be written and postmarked no later than 2/20/01. A \$30 administrative fee will be charged for requests postmarked after 2/20/01. *No refunds after March 13. NO EXCEPTIONS!*

Return completed form
with check payable to:
PA Rural Water Association
138 West Bishop Street,
Bellefonte, PA 16823
(800) 653-PRWA (in PA)
or (814) 353-9302

An additional \$50 will be charged for
on-site registrations.

Special Interest Registration:

Seating for these classes is limited

Course	Days Offered	Attending (Y or N)
Jar Testing	Wednesday - am	
Jar Testing	Wednesday - pm	
Jar Testing	Thursday - am	

Method of Payment:

Check or Money Order
 Please charge my: Mastercard _____ Visa _____
Card Number _____ Exp. Date: _____
Cardholder Name: _____
Signature: _____

ANNUAL MEETING

PRWA Annual Business Meeting

Delegate Registration Form

This is your chance to decide who will represent your system at the Annual Business Meeting



Every System Member with a population of 15,000 or less is considered a voting member. Please take a few minutes to complete this form to let us know who will be the Designated Delegate to represent your system's vote at the Annual Business Meeting which will be conducted at 8:00 am on Thursday, March 29, 2001 at the Annual Conference.

Please Fax or Mail this form to us at:

Fax: (814) 353-9341

No Later Than Friday, March 9, 2001.

Delegate's Name: _____

Title: _____

System Name: _____

Address: _____

Phone: _____

Fax: _____

PLEASE CALL US WITH ANY QUESTIONS (800)653-PRWA

PRWA Turkey Calling Championship



**Wednesday Evening March 28th
at the PRWA Annual Conference**

Penn Stater Conference Center, State College, PA

PRWA has often boasted of the outdoor abilities of its Membership. Now it is time for you to show-off your Turkey Calling Skills at the 2nd annual

PRWA Turkey Calling Championship

Sponsored by Invensys Metering Systems

(Formerly Sensus Technologies, Inc.)

DATE: Wednesday, March 28

TIME: 9:00 pm

PLACE: PRWA Annual Conference

A panel of handpicked judges seated behind a screen will score all contestants. This is an Open Class event. Trophies will be awarded to the top three callers. All contestants must make the five following calls:

- Old hen assembly yelps
- Kee-kee run
- Purr
- Cluck or putt
- Gobbler Locator Calls - Callers choice - owl hoot, peacock, retail hawk, or crow-it's your Call! (Punn intended)
This one could get interesting!!!
- **NO ELECTRONICS PLEASE**

Don't be shy, Last year, Bill almost didn't enter, and he Won First Prize! Just goes to show, you might be better than you think...



Metering Systems

Turkey Call Registration Form

Name _____

System/Company _____

Impress your friends and fellow PRWA Members with your Turkey Calling Skills - Sign-up Now

REGISTRATION CATEGORIES & BENEFITS

Registration Category	Full Conference	Single Day Conference (Wednesday)	Single Day Conference (Thursday)
Tuesday	Exhibit Hall Meet 'n' Greet & Entertainment	X X	
Wednesday	Breakfast Lunch Opening Session Exhibits/Sessions Dinner Entertainment	X X X X X X	X X X X X
Thursday	Breakfast Lunch Exhibits/Sessions Banquet	X X X	X X X
Friday	Breakfast Sessions	X X	

* BANQUET TICKETS MUST BE PURCHASED SEPARATELY *

paruralwater
Association

PRWA Annual Conference 2001
Our BIGGEST Conference YET!!!

This year we've got
over 90 Training Sessions
designed to give you the
Tools You Need
for YOUR Success.

REGISTRATION INFORMATION

Everyone attending educational sessions, the Exhibit Hall and social functions must be registered. Mandatory use of registration name badges will be enforced for admittance to all conference events, meals, sessions and the Exhibit Hall. Advanced registration is encouraged for everyone attending the conference. Register early and receive a discount.

Full payment must be received before any registration can be processed. Please make checks payable to PRWA.

REGISTRATION HOURS

The registration booth will be open during the following hours:

Tuesday, March 27
1:00 pm – 5:00 pm
Wednesday, March 28
7:00 am – 11:30 am
12:30 pm – 5:00 pm
Thursday, March 29
7:30 am – 11:30 am
12:30 pm – 5:00 pm
Friday, March 30
8:00 am – 10:00 am

EDUCATIONAL SESSIONS

The educational sessions at PRWA's Annual Conference are your source for the latest information on technical, managerial and regulatory issues facing the water and wastewater systems today. There are sessions designed for everyone. Whether you're a board member, system operator, water or wastewater operator, office manager or engineer, you're sure to find interesting sessions that will enhance the job you do. *Some of this year's classes are:*

Technical- (T)

- U.V. for Disinfection of Drinking Water
- Jar Testing
- Pressure Management for Leakage Control
- Wastewater Microbiology
- Chlorination of Drink. Water
- Basic Math - Water
- Advanced Math - Water
- Implementing a Geographic Information System (GIS)
- Basic Math - Wastewater
- Advanced Math - W. water

Management- (M)

- Choosing a Consultant
- Board Training - A Must!
- Sexual Harassment
- Funding Infrastructure

Regulatory- (R)

- New Tools for Cross Connection Control
- Confined Space
- Emergency Response Plan
- Drinking Water Monitoring & Reporting
- Operator Certification
- Drinking Water Regs. Update
- Drought Contingency Plan
- Water Treatment Plant O&M
- Water Allocation Permits
- Sanitary Survey
- Discharge Monitoring Report
- Chapter 94

- Small System Budgeting
- Basic Water for Office Personnel
- Package Plant O&M

COMPUTER LABS

Computer classes will be available on Wednesday and Thursday for hands-on instruction and training, on everything from basics about computers, the different types of computer programs and when to use each.

ANNUAL BUSINESS MEETING

PRWA's annual business meeting will be held on Thursday, March 29 from 8:00 am until 9:00 am. Don't forget to name your system delegate. Please call the PRWA office if you need a delegate form. These forms must be returned by 3/6/01.

PRWA Turkey Calling Championship

PRWA is happy to announce the 2nd Annual PRWA Turkey Calling Championship. It's time once again for you to show-off your Turkey Calling Skills at this year's competition. This event will be held Wednesday night, March 28th. This is an Open Class event. Trophies will be awarded to the top three callers. All contestants must make the five following calls: *Old hen assembly yelps, Kee-kee run, Purx, Cluck or putt, Gobbler Locator Calls - (Callers choice: owl hoot, peacock, retail hawk, or crow - it's your Call! (Pun intended) This could get interesting!!!* **NO ELECTRONICS PLEASE.**

EXHIBIT HALL

Be sure to make room in your busy schedule for a visit to the Exhibit Hall. Approximately 98 companies will take advantage of the Exhibit Hall hours to provide you with information about the top products and services in the industry today. Companies providing everything you need to operate a utility will be available to answer your questions. Tanks, valves, meters, water treatment systems, consulting services, management software, corrosion control, and wastewater treatment products are just some of the many products and services that have been exhibited at previous conferences. Visit the Exhibit Hall, ask questions, take notes, receive giveaways and let our exhibitors help you solve your problems. This is one part of the conference you don't want to miss!

EXHIBIT HALL HOURS

Tuesday, March 27
6:00 pm – 8:00 pm
Wednesday, March 28
7:30 am – 9:00 am
11:00 am – 1:00 pm
7:00 pm – 9:00 pm
Thursday, March 29
7:30 am – 9:00 am
11:00 am – 1:15 pm

prural water Association Conference 2001

March 27 - 30, 2001

Tuesday, March 27, 2001

1:00 pm - 5:00 pm Registration Desk Open
 1:00 pm - 5:00 pm Exhibit Set-Up
 6:00 pm - 8:00 pm Exhibit Hall Open
 8:00 pm - 10:00 pm "Meet 'n' Greet" with Entertainment

Conference at a Glance

T Technical
R Regulatory
M Management

Wednesday, March 28, 2001

7:00 am - 11:00 am Continental Breakfast
 7:00 am - 11:30 am Registration Desk Open
 7:30 am - 9:00 am Exhibit Hall Open

SESSIONS	9:00 am - 10:00 am	1. U.V. Disinfect. Drinking Water (T)	2. Jar Testing (T)	3. New Tools For Cross Connection Control (R)	4. Basic Windows on the Computer (T)	5. Pressure Mgmt. for Leakage Control (T)	6. Leak Detection Using Correlators (T)	7. Wastewater Microbiology (T)	8. Chlorination of Drinking Water (T)	9. Combined Sewer Outflow Regs. (R)	10. Wet Weather Demo (T)	11. Choosing a Consultant (M)	12. Water Operator Round Table (T)	13. Basic Math Water (T)	14. Advanced Math Water (T)	15. Confined Space (R)	16. Metering Pumps (T)	17. Negotiation (M)	18. Board Training - A Must! (M)	19. Impacts of EPA's Lab Evaluation Program (R)	20. Conflict Management (M)	21. Source Water Assess. & Protection (T)	22. Intro to Watershed & WHPA (R)
	10:00 am - 11:00 am																						

11:00 am - 1:00 pm Exhibit Hall Open
 11:30 am - 1:30 pm Buffet Lunch
 12:30 pm - 5:00 pm Registration Desk Open
 1:15 pm - 2:15 pm Opening Session

SESSIONS	2:30 pm - 3:30 pm	23. U.V. Disinfect. Drinking Water (T)	24. Jar Testing (T)	25. Microsoft Office 2000 (T)	26. Wastewater Microbiology (T)	27. Capability Enhancement (R)	28. Emergency Response Plan (R)	29. Drinking Water Monitoring & Reporting (T)	30. Interim Construction Loan Program (M)	31. Implement. of Geographic Information System (GIS) (T)	32. Team Building (M)	33. Employee Management (M)	34. Basic Math - Wastewater (T)	35. Advanced Math Wastewater (T)	36. Aeration System Retrofits (T)	37. Time Management (M)	38. Chlorine Safety (T)	39. Hydrant Maintenance (T)	40. Long Range Planning - Small Systems (M)	41. DEP Watershed Overview (R)	42. New Well Siting (T)	43. Well Rehabilitation (T)
	4:00 pm - 5:00 pm																					

6:00 pm - 7:30 pm Round-Up Dinner
 7:00 pm - 9:00 pm Exhibit Hall Open
 9:00 pm - 11:00 pm Entertainment

Thursday, March 29, 2001

7:00 am - 11:00 am Continental Breakfast
 7:00 am - 11:30 am Registration Desk Open
 7:30 am - 9:00 am Exhibit Hall Open
 8:00 am - 9:00 am Annual Membership Business Meeting

Please note that all training sessions are subject to change. Please check our website for updated session information.

www.prwa.com or call 1-800-653-PRWA

SESSIONS	9:00 am - 10:00 am	44. Jar Testing	45. Sexual Harassment	46. New Tools For Cross Connection Control	47. Sequential Batch Reactor O&M	48. Microsoft Excel for Beginners	49. Wastewater Microbiology	50. Turbidity and Turbidity Science	51. Basic Electricity	52. Small System Compliance Technology	53. Applications for O&M Software	54. Customer Services	55. Interim Construction Loan Program	56. Choosing a Contractor	57. Impacts of EPA's Lab Evaluation Program					
	10:00 am - 11:00 am																			
	11:00 am - 1:15 pm	Exhibit Hall Open																		
	11:30 am - 1:30 pm	Buffet Lunch																		
	12:30 pm - 5:00 pm	Registration Desk Open																		
SESSIONS	1:30 pm - 3:30 pm	62. Televising Your Collection System	63. Internet Based Mapping	64. Drinking Water Regulatory Update	65. Advanced Microsoft Excel	66. Water Distribution Systems	67. Plant Automation Overview	68. Full-Service Preventative Maintenance Programs for Water Storage Tanks	70. Surface Water Filtration	71. Pre-Coat Filtration	72. Drought Contingency Plan	73. Corrosion Control	74. Advances in W. water System Management	75. Implement. of Geographic Information System (GIS)	76. Small System Budgeting	77. Wastewater Microbiology	78. Water Line Location & Leak Detection	79. Metering Pumps	80. Zeta Potential for Process Control	81. Package Plant O&M
	3:30 pm - 4:30 pm																			
	6:00 pm - 7:00 pm	Banquet Reception																		
	7:00 pm - ???	Banquet Dinner & "Tribute to Excellence" Awards																		

Friday, March 30, 2001

7:00 am - 11:00 am Continental Breakfast
8:00 am - 10:00 am Registration Desk Open

SESSIONS	8:00 am - 9:00 am	86. Water Treatment Plant O&M	90. Discharge Monitoring Report (DMR)
	9:00 am - 10:00 am	87. Water Allocation Permits	91. Chapter 94
	10:00 am - 11:00 am	88. Sanitary Survey	
	11:00 am - 12:00 pm	89. Sample Collection & Handling Techniques	92. Operational Logs

Conference Hotels

Please contact the hotel of your choice for room reservations.

Host Hotel: *Requires min. 2 night stay-over
Penn State Conference Center Hotel
215 Innovation Boulevard
Penn State Research Park, State College
(814) 863-5000 (800) 893-4602
Rates: \$83 per night single, \$93 per night double

Auxiliary Hotels:
Sleep Inn: 111 Village Drive, State College
(814) 235-1020 ~ Rates: \$49 per night

Auxiliary Hotels Continued:
Nittany Lion Inn: 200 W. Park Ave., State College
(814) 865-8500 (800) 233-7505
Rates: \$83 per night single, \$93 per night double

Hampton Inn: 1101 E. College Ave., State College
(800) 426-7866 (814) 231-1590 ~ Rates \$75 per night

Holiday Inn Express: 1925 Waddle Rd., State College
(814) 867-1800 ~ Rates: \$79 per night (single/double)

Conference Session Descriptions

*These numbered descriptions correspond with the numbered sessions on this flyer.

- U. V. for Disinfections of Water:** Understand how UV light & its instruments can be used in water operations.
- Jar Testing:** Need to learn how or just a refresher...bring your jar water to this session. Pre-registration is required.
- New tools for Cross Connection Control:** Learn what needs to be included in a quality cross-connection control plan as defined by DEP. Also you will learn how to survey your system to find cross-connections and how to properly deal with cross-connections once they are identified.
- Basic Windows on the Computer:** Learn your way around windows on your computer. Ever forget where you saved a file and don't know how to find it? This class is for you.
- Pressure Management for Leaks Control:** Breakthrough technology utilizing micro-processor based controller and existing system pressure reducing valves. Provide low cost method to optimize system pressure and reduce unaccounted for water due to system leakage.
- Leak Detection Using Correlators:** Come learn new leak detection techniques using field computer equipment. It works.
- Wastewater Microbiology:** Microbiology in operator friendly terms. Learn how to operate your wastewater treatment facility from under the microscope.
- Chlorination of Drinking Water:** Why should you disinfect? Learn the how-to's and why-for's.
- Combined Sewer Overflow Regulatory Aspect**
- Wet Weather Demonstration Project:** Allegheny County is studying the effects of precipitation on the Combined Sewers and its impacts on sewage treatment plants and the environment.
- Choosing a Consultant:** If you are not prepared, choosing the right consultant can make or break a project.
- Water Operator Round Table:** This is an open forum for operators to interact. A facilitator will be on-hand to keep things lively and on track. Special problems? Come and discuss it.
- Basic Math - Water:** Fundamental basis of math is a necessary tool of daily operations.
- Advanced Math - Water:** Another step to math comprehension.
- Confined Space:** Confined Space training is serious business, come learn more about it.
- Metering Pumps:** Proper handling, safe storage of chlorine and equipment.
- Negotiations:** This personnel management skill is often overlooked. Often we just "tell folks" what to do and then suffer the consequences. Come learn the basic steps of negotiation to improve customer relations, group morale, and overall employee performance.
- Board Training - a Month!** This session is for community elected and appointed officials, authority board members, managers and decision makers. This will teach you all about your basic roles and responsibilities.
- Impacts of EPA's Lab Evaluation Program:** The National Environmental Laboratory Accreditation Program came into effect July 1, 2000. This program will impact how environmental labs will conduct their business. It will affect you. Come see how.
- Conflict Management:** How do you handle internal conflict within your team or office? How about conflict within your family or friends? Many take the avoidance approach...do you? This session will give you several ideas on handling various types of conflicts. Addressing the conflict steps the internal turmoil. Why suffer?
- Source Water Assessment and Protection Program:** Part of the 1996 Safe Drinking Water Act Amendments affects all public water supplies.
- Intro to Watershed & Wellhead Protection Plans:** PRWA will describe the steps necessary to develop a watershed or wellhead protection plan for your community or non-transient non-community system.
- U. V. for Disinfections of Wastewater:** Understand how UV light & its instruments can be used in wastewater operations.
- Jar Testing:** Need to learn how or just a refresher...bring your jar water to this session. Pre-registration is required.
- Microsoft Office 2000:** This session will cover the Microsoft Office 2000 applications including MS Word, MS Excel, and Outlook. This hands-on learning opportunity will be geared to those who are familiar with these applications but need to know how to utilize them more.
- Wastewater Microbiology:** Microbiology in operator friendly terms. Learn how to operate your wastewater treatment facility from under the microscope.
- Capability Enhancement for Drinking Water Systems:** These are some of the latest "buzz words" within the regulatory community EPA and DEP are pushing it. What is it? What does it mean to you and your system? Come see how you can take advantage of this "new approach" with a new spin!
- Emergency Response Plan For Water Systems:** Look around, turn on the news or the radio. Flood, spills...how can you not realize the importance of this subject? If you have one, how long since it was updated?
- Drinking Water Monitoring & Reporting:** A new emphasis on proper sample procedures, record keeping, and reporting of required compliance monitoring is at your door step. Come see how you must work more closely with your labs and DEP or County Health Department staff person to ensure good communication and compliance. If you don't get on board you will end up with more violations and public notice requirements. Wasted time and money and increased liability also will result if your not proactive. Come learn about the issues and concerns AND tools for compliance.
- Interim Construction Loan Program:** Low cost Interim Funding for systems that have an approved RUS Loan.
- Implementing a Geographic Information System (GIS) in Rural Utility Systems:** This session will demonstrate the various aspects of developing a GIS system. These items include assessing public or private information, global positioning data acquisition, scanning and converting record drawings, building GIS coverage's, integration of GIS into day-to-day activities, and demonstration of some custom applications.
- Team Building:** With the ever increasing work loads we bear, teamwork is more important than ever. Come learn the techniques to shape your work force into a "functional team" and how to be a "team leader".
- Employee Management:** Does this sound impersonal to you? It does to many. Come and learn techniques for managing your staff. There are several different approaches; one size does not fit all. Check it out!
- Basic Math - Wastewater:** If your basic wastewater math skills need a tune-up, this is the place to be.
- Advanced Math - Wastewater:** If your basic math skills for wastewater are in good shape, join us for a more advanced level. Enter if you dare!
- Aeration System Retrofits:** Wastewater diffusers have a useful life, but do wear out. Diffuser replacement can provide improved process performance and lower operating costs.
- Time Management:** Do you find yourself asking...when will I have time to do that? Or, do you think, how will my staff ever get the time for that? This session will help. Come learn "time tested" time management skills and then "put them into action".
- Chlorine Safety:** Lime, soda ash, caustic, disinfection products, all must be added to the water. Different applications, same pump...Maybe...Maybe not? Learn what's right.
- Hydrant Maintenance:** Just like anything else that's mechanical, they need proper operation and maintenance.
- Long Range Planning for Small Systems:** Is your system prepared to operate 5 or 10 years down the road? This session is designed to help you prepare a plan for your future.
- DEP Watershed Overview:** Have you heard about the DEP Watershed initiative? Come get an overview of the program and learn how it may impact you as water and wastewater system staff.
- New Well Siting:** Considerations for siting new wells including Zone I Wellhead Protection Area requirements, land use concerns, and other issues.
- Well Rehabilitation:** Cleaning and rehabilitation of existing wells to improve quality or quantity.
- Jar Testing:** Need to learn how or just a refresher...bring your jar water to this session. Pre-registration is required.
- Sexual Harassment:** A touchy issue that you should know about. Attend, decrease your liability and increase your understanding.
- New Tools for Cross Connection Control:** Learn what needs to be included in a quality cross connection control plan as defined by DEP. Also you will learn how to survey your system to find cross connections and how to properly deal with cross-connections once they are identified.
- Sequential Batch Reactor O & M:** Discuss the operation & maintenance of sequencing batch reactors. This will better help you understand the principals of operation.
- Microsoft Excel for Beginners:** Does your job require you to create spreadsheets? If so, this class is designed to teach you the basics of creating a spreadsheet.
- Wastewater Microbiology:** Microbiology in operator friendly terms. Learn how to operate your wastewater treatment facility from under the microscope.
- Turbidity and Turbidity Science**
- Basic Electricity:** NEMA starters? Breakers? Vohs? Amps? Are you confused, get some help on how to sort it out.
- Small System Compliance Technologies for Water Systems:** New health effects research indicates a need for new and revised standards for drinking water contaminants. The new Disinfection/Disinfection By-product Rule and Arsenic standards revision are just two that will impact many water systems. As the new standards come in place some of our current treatment processes will need to change too. Come hear about treatment and process control options to help compliance for these new rules.
- Applications for O & M Software:** Do you have a "complete" O & M Plan? Is it easy to update? If the answer to either is "no" then you will want to attend this session. Come learn about the advantages of using software for developing O & M Plans.
- Customer Services:** different customers, different situations, each customer is unique.
- Operator Certification Act Rewrite:** What ever happened to the Proposal? What lies ahead?
- Interim Construction Loan Program:** Low cost Interim Funding for systems that have an approved RUS Loan.
- RUS Water & Wastewater System Grant and Loan Program:** Rural Utilities Services personnel will discuss the ins and outs of how to get loans and grants for public utility systems.
- Choosing a Contractor:** What should you "consider" when choosing a contractor? Maybe more than you think!
- Biological Oxygen Demand:** Learn how to properly sample when conducting a BOD test. Also discuss the proper procedure for analyzing the BOD of wastewater.
- Impacts of EPA's Lab Evaluation Program:** The National Environmental Laboratory Accreditation Program came into effect July 1, 2000. This program will impact how environmental labs will conduct their business. It will affect you. Come see how.
- Board Training - a Month!** This session is for community elected and appointed officials, authority board members, managers and decision makers. This will teach you all about your basic roles and responsibilities.
- Televising your Collection System:** You should see what you are missing. Live onsite demo of televising wastewater collection lines. Inside demo if rainy day.
- Internet Based Mapping:** Interested in using the internet to access topographic maps, aerial photographs and other data for your watershed or watershed protection area? This class is for you.
- Drinking Water Regulatory Update:** The on-slaught continues. Come hear updates on the pending implementation schedule.
- Funding Infrastructure with Pennvest:** Pennvest has some changes to aid systems in receiving funding. Could there be a benefit for your system?
- Advanced Microsoft Excel:** Now that you have learned the basics of Excel, this is your opportunity to get a hands-on approach to applying the techniques you have learned, and using them to their full potential.
- Water Distribution Systems:** The forgotten child. Come learn more about the importance.
- Plant Automation Overview:** What's needed to provide a central control view of both local and remote plant locations. Beginning of the sensor, ending at the manager's office.
- Full Service Preventative Maintenance Programs for Water Storage Tanks:** A proactive, low cost approach to long-term care of welded steel & pre-stressed concrete storage tanks.
- Surface Water Filtration:** What is being done in Pennsylvania to help systems improve filtration plant operations? How are the plants performing? Should you be looking for more fine tuning? Come hear from the expert.
- Pre-Coat Filtration:** Proven to capture Cryptosporidium and Giardia, pre-coat diatomaceous earth filtration is a well accepted and logical technology for communities that need to comply with the "Long Term 1 Expanded Surface Water Treatment Rules." Come see why!
- Drought Contingency Plan:** Do you have one? Has it been reviewed or approved? What about updated? You DO need a plan. Come learn what should be in a plan and who to go to for help.
- Corrosion Control:** Lead and copper has past, but corrosion control is a continuing program. Where are you now?
- Advances in Wastewater System Management:** Wastewater Management working within an integrated Water Quality Management approach including new wastewater technology. EvTEC/ETV testing protocol, operational, administrative, and procedural issues will be presented to create greater awareness of what's new in the small flow and on-lot program.
- Implementing a Geographic Information System (GIS) in Rural Utility Systems:** This session will demonstrate the various aspects of developing a GIS system. These items include assessing public or private information, global positioning data acquisition, scanning and converting record drawings, building GIS coverage's, integration of GIS into day-to-day activities, and demonstration of some custom applications.
- Small System Budgeting:** What is the difference between a general operating and a capital expense? What is accumulated depreciation? This course will explain general accounting terms and how to use them in a budget.
- Basic Water for Office Personnel:** Do you find yourself wishing you knew what some of the water and wastewater jargon means? How about acronyms? Would it help your job performance if you knew some basics about water treatment and regulations? Come find out about these subjects and more.
- Wastewater Microbiology:** Microbiology in operator friendly terms. Learn how to operate your wastewater treatment facility from under the microscope.
- Collection System Root Control:** Are you having problems with back-ups in your sewer mains and laterals? Don't just cut them out only to have them grow back again. Try foaming them out.
- Water Line Location & Leak Detection:** Learn the basics of locating lines and finding leaks in your water system. Also learn the different types of equipment and their use.
- Metering Pumps:** Lime, soda ash, caustic, disinfection products, all must be added to the water. Different applications, same pump... Maybe... Maybe not? Learn what's right.
- Zeta Potential for Process Control:** What is "Zeta potential" and how is it used for drinking water filtration process control? Is it better than turbidity measurements? What's the cost? Come hear from folks who have worked through this process.
- Meter Testing/Sizing:** When was the last time your system tested water meters?
- Package Plant O & M:** Package plant operator? This class is for you. Learn some simple procedures and testing for operation and maintenance.
- Bookkeeping Software:** Are you using software for your bookkeeping? Is your product working okay? If you want to hear more, attend this session.
- Water Treatment Plant O & M:** This course will provide an overview of what should be in an O & M plan. The regulatory aspects of this plan will also be covered.
- Water Allocation Permits:** What is a water allocation permit? Do you need one? What is required to get a permit.
- Sanitary Surveys:** How do you complete sanitary surveys for your water system? Is this required? Come and find out.
- Sample Collection & Handling Techniques:** Learn drinking water regulatory requirements for sample collection and handling. Practice hands-on sampling for VOC's and review procedures for other common parameters.
- Discharge Monitoring Report (DMR):** Are you properly completing your DMR to the best of your advantage as required by your NPDES permit? If not, or if you have some questions about how to complete your DMR, this class is for you. This class will describe how to properly complete the DMR form(s).
- Chapter 94:** All publicly owned treatment works are covered by the Wastewater Management Regulation (Chapter 94). If you have any questions concerning this report you should attend this session. This session will provide you with an on of information such as learn what information needs to be placed on the graphs, how to project your next years hydraulic and organic loadings, etc. Stop in and get refreshed!
- Operational Logs:** Every treatment facility should keep logs of their process control parameters. If you want to learn how these logs can be helpful or gather new ideas to revise your current logs, this is the session to attend!

Conference at a Glance

Tuesday, March 27, 2001

1:00 pm - 5:00 pm	Registration Desk Open
1:00 pm - 5:00 pm	Exhibit Set-Up
6:00 pm - 8:00 pm	Exhibit Hall Open
8:00 pm - 10:00 pm	"Meet n' Greet" with Entertainment

Wednesday, March 28, 2001

7:00 am - 11:00 am	Continental Breakfast
7:00 am - 11:30 am	Registration Desk Open
7:30 am - 9:00 am	Exhibit Hall Open
9:00 am - 11:00 am	Training Sessions
11:00 am - 1:00 pm	Exhibit Hall Open
11:30 am - 1:30 pm	Buffet Lunch
12:30 pm - 5:00 pm	Registration Desk Open
1:15 pm - 2:15 pm	Opening Session
2:30 pm - 5:00 pm	Training Sessions
6:00 pm - 7:30 pm	Round-Up Dinner
7:00 pm - 9:00 pm	Exhibit Hall Open
9:00 pm - 11:00 pm	Entertainment

Thursday, March 29, 2001

7:00 am - 11:00 am	Continental Breakfast
7:30 am - 11:30 am	Registration Desk Open
7:30 am - 9:00 am	Exhibit Hall Open
8:00 am - 9:00 am	Annual Membership Business Meeting
9:00 am - 11:00 am	Training Sessions
11:00 am - 1:15 pm	Exhibit Hall Open
11:30 am - 1:30 pm	Buffet Lunch
12:30 pm - 5:00 pm	Registration Desk Open
1:30 pm - 4:30 pm	Training Sessions
6:00 pm - 7:00 pm	Banquet Reception
7:00 pm - ???	Banquet Dinner & "Tribute to Excellence" Awards

Friday, March 30, 2001

7:00 am - 11:00 am	Continental Breakfast
8:00 pm - 10:00 am	Registration Desk Open
8:00 am - Noon	Training Sessions

PRWA Providing Excellence in Training.


138 West Bishop Street *Association*
Bellefonte, PA 16823

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